

## **Exhibit 1**

## CURRICULUM VITAE – Kristian Berg

Born: March 10, 1955

Place of birth: Oslo, Norway

Marital status: Married, two children

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Present position: Senior scientist, Head of PCI group, Dept. of Radiation Biology, Radiumhospitalet-Rikshospitalet Medical Center.

Address work: Department of Radiation Biology, Institute of Cancer Research, The Norwegian Radium Hospital, Montebello N-0310 Oslo, Norway.

Education and qualifications: Cand.real in biochemistry, University of Oslo, 1985

Dr.philos, University of Oslo, 1990

Professor-competence documented, 1997

Certified for performing animal experiments according to FELASA category C for researchers

Positions: Senior scientist, Head of PCI-group, Dept. Of Biophysics (now Radiation Biology), Institute of Cancer Research, The Norwegian Radium Hospital, 1997- present. Senior scientist, grant by the Norwegian Cancer Society, Dept. Of Biophysics, Institute of Cancer Research, The Norwegian Radium Hospital, 1996-97; Senior scientist, grant by the Norwegian Research Council, Dept. Of Biophysics, Institute of Cancer Research, The Norwegian Radium Hospital, 1993-95; Post.doc., grant by the Norwegian Research Council, Dept. of Biophysics, Institute of Cancer Research, The Norwegian Radium Hospital, 1990-92; PhD-student., grant by the Norwegian Research Council, Dept. of Biophysics, Institute of Cancer Research, The Norwegian Radium Hospital, 1986-89; Research fellow, Dept. of Biophysics, Institute of Cancer Research, The Norwegian Radium Hospital, 1985-86.

Research experience: Main areas of research have been:

Photodynamic therapy (PDT), mechanisms involved in the cytotoxic effects of PDT including quantum yields of cell inactivation, cellular uptake mechanisms, intracellular localizations studies, cytoskeleton targeting, mitochondrial targeting and energy charge, apoptosis induction. *In vivo* studies of therapeutic efficacy. Cellular effects of UVA-UVB radiation. Cell cycle sensitivity of UVA and UVB on cells in culture. Cytoskeleton as targets for UVA and UVB radiation. Photochemical internalization (PCI). Patented and developed the PCI method for enhanced macromolecular therapy. Gene therapy. Utilization of non-viral and adenoviral vectors for transfection/transduction of cells in culture. Utilized peptide nucleic acids (PNA) for inhibition of gene expression in vitro. Protein toxin therapy. Studies of protein toxins, immunotoxins and affinity toxins (EGF) for therapeutic purposes. In vivo models. Subcutaneous and invasive tumor models in athymic and thymic mice for evaluation of therapeutic efficacy. Ionizing radiation. In vitro and in vivo treatment with ionizing radiation.

Teaching experience: Course in photobiology for students in biophysics each year since 1987; lecturer at course for technicians in cell culture techniques, lecturer at NATO Advanced Study

Institute, Laser processing of biological tissues and biocompatible materials, Kreta, Sept 2003; Assistant teacher at lower degree course in biochemistry, University of Oslo. Supervisor for 15 master students and 9 PhD students (Barbara Noodt, Hilde Bårud, Pål K. Selbo, Lina Prasmikaite, Odrun Gederaas, Anette Bonsted, Andreas Dietze, Anette Weyergang (ongoing), Ole-Jacob Norum (ongoing)).

**Administrative experience:**

- Member of Organizing Committee for the 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> Congress's of European Society for Photobiology, in Lillehammer, 2001, in Vienna, 2003, in Aix-le-Bains, Frankrike, 2005, and Bath 2007, the Norwegian Biochemical Societies Contact meeting 2004 and "Conference on photosensitization and photochemotherapy of cancer", 16-17.mars 1993 in Oslo.
- Officer in the Executive Committee of the European Society for Photobiology (ESP) for the periods 1999-2001, 2001-2003 and 2003-2005,
- President-Elect of European Society for Photobiology (ESP) for the period 2005-2007
- President of European Society for Photobiology (ESP) for the period 2007-2009.
- Member of the Ownership Board of the journal Photochemical & Photobiological Sciences, 2007-2009.
- Chairman of the Education and Training Committee in ESP for the period 2005-2007 and member of this committee for the period 2001-2005.
- Secretary of the Norwegian Society for Photobiology and Photomedicine (NOFFOF) 1992-1995 and Scandinavian representative in ESP since 1995
- Leader of the Steering committee for PDT and PCI at the Norwegian Radium Hospital
- Member of the Steering Committee of the European Platform for Photodynamic Medicine (EPPM), a newly established platform for promoting PDT consisting of 16 clinicians, researcher and companies
- Steering Committee for Gene Therapy (The Norwegian Radium Hospital),
- Member of Project Group for a new research building (Vestenghaugen).

**Committees and advisory boards:**

- External examiner in cell biology at the National Technical University 1995-1999
- External evaluator of 5 PhD thesis, UK (2002) and France (2003, 2005) Norway (2003, 1.opponent), Egypt (2005) and Switzerland (2006).
- External examiner in cell biology at the Norwegian Technical University, Trondheim 1995-2000.
- Member of Scientific Advisory Board of an internet journal, Internett Photochemistry and Photobiology and Member of the International Advisory Board at Centre of Excellence at Vilnius University.
- Member of Scientific Programme Committee of European Society for Photobiology Congresses at Grenada, 1999, Lillehammer, 2001, Vienna 2003, Aix-le-Bains, 2005 and Bath, 2007
- Member of Scientific Programme Committee for IPA (International Photodynamic Association) congress (Munich) in 2005 and in 2007 (Shanghai).
- Co-editor of proceeding from BiOS '97 and BiOS '98
- Member of the Advisory Board for the journal "Photodiagnosis and Photodynamic Therapy" (Elsevier)

- Grant reviewing: Swiss National Science Fund, Switzerland; Biotechnology and Biological Sciences Research Council (BBSRC), UK; Slovak Research and Development Agency, Slovakia
- Connect Norge, network for establishing new companies in biotechnology and information technology.
- Referee for several international journals (Int.J.Radiat.Biol., J.Photochem.Photobiol., Int.J.Cancer, Biochim.Biophys. Acta, Photochem.Photobiol., Scand.J.Clin.Lab.Invest., Cancer Lett., Internett Photobiology, Br.J.Cancer, Micron, Eur. J.Dermatol. og Eur. J.Biochem., Photochem.Photobiol.Sciences, FEBS Lett, Biochemical Pharmacology, Gene Therapy, Br. J. Pharmacology, Nature Materials, Molecular Pharmaceutics, J.Drug targeting, Bioconjugate Chemistry, Int. J. Biochemistry and Cell Biology, Photodiagnosis and Photodynamic Therapy, Progress in Biophysics and Molecular Biology )
- Guest associated editor for the journal “Photochem.Photobiol.Sci”, Dec 2007 issue

**Awards:**

- Prices: 1. price from the University of Oslo and the Oslo Research Park for scientific projects with commercial potential 1995;
- The Norwegian Radium Hospitals research price for 1999 and 2002;
- Claude Rimingtons memorial prize for 2000;
- Pater-Leander-Fischer prize by Deutsche Gesellschaft für Lasermedizin for 2007.

**Patent applications/patents:**

1. Berg, K., Sandvig, K. and Moan, J. (1996). **Transfer of molecules into the cytosol of cells.** (PCT/NO95/00149; WO 96/07432). Granted in Norway, USA (5,876,989), Australia, Singapore, China, Hong Kong, Mexico, New Zealand, South Korea, and 20 European countries (European patent no. 0783323), pending in Brazil, Hungary and Japan.
2. Berg, K., Tjelle, T.E., Høgset, A. and Prasmickaite, L. (1999). **Method of expressing antigens on the surface of antigen presenting cells by photochemical internalization.** (PCT/GB00/00903; WO 00/54802). Granted in Singapore, pending in several other countries.
3. Berg, K., Prasmickaite, L., Høgset, A. and Selbo, P.K. (2002). **Photochemical Internalization for Delivery of Molecules into the Cytosol.** (PCT/GB01/05299; WO 02/44396). Granted in Singapore, pending in several other countries.
4. Høgset, A., Berg, K., Mælandsø, G.M., Engesæter, B.Ø. and Prasmickaite, L. (2002). **Photochemical Internalization for Virus-Mediated Molecule Delivery into the Cytosol.** (PCT/GB01/05281; WO 02/44395). Granted in Singapore, pending in several other countries.
5. Berg, K., Sandvig, K., Moan, J. & Høgset, A. (2004). **Transfer of molecules into the cytosol of cells.** Granted in the USA (Patent No.: US 6,680,301).
6. Berg, K., Tran, D., Selbo, P.K. and Rimington, C. (2003). **Compound.** (PCT WO 03/020309).

Pending in several countries.

Granted in New Zealand, pending in several other countries.

**List of publications:**

1. Berg,K. (1985) Mitochondriell fettsyreoksydasjon i brunt fettvev. Fluksregulerende trinn. Hovedfagsoppgave i biokjemi.
2. Berg,K. (1990) Cellular uptake and photosensitizing effects of porphyrins and phthalocyanines. Doktorgradsavhandling.
3. Berg,K.,Løseth,J.K.,Grav,H.J. (1986) Flux control of fatty acid oxidation in brown adipose tissue mitochondria. Biochem.Soc.Trans. 14,218-219.
4. Moan,J.,Peng,Q.,Evensen,J.F.,Berg,K.,Western,A. and Rimington,C. (1987) Photosensitizing efficiencies, tumor- and cellular uptake of different photosensitizing drugs relevant for photodynamic therapy of cancer. Photochem.Photobiol. 46, 713-721.
5. Berg,K.,Moan,J. (1988) Photodynamic effects of Photofrin II on cell division in human NHIK 3025 cells. Int.J.Radiat.Biol. 53,797-811.
6. Berg,K.,Hovig,E.,Moan,J. (1988) Sister chromatid exchanges induced by photodynamic treatment of cells in the presence of Photofrin II, aluminium phtalocyanine tetrasulfonate and tetra(3-hydroxyphenyl)porphyrin. In Light in Biology and Medicine (Eds. J.Douglas, F.Dall'Aqua and J.Moan), Vol.1, pp.95-103. Plenum Press, New York.
7. Berg,K.,Bommer,J.,Moan,J. (1989) Evaluation of sulfonated aluminum phthalocyanines for use in photochemotherapy. Cellular uptake studies. Cancer Lett. 44,7-15.
8. Berg,K.,Bommer,J.,Moan,J. (1989) Evaluation of sulfonated aluminum phthalocyanines for use in photochemotherapy. A study on the relative efficiencies of photoinactivation. Photochem.Photobiol. 49,587-594.
9. Moan,J.,Berg,K.,Kvam,E.,Evensen,J.F.,Malik,Z.,Ruck,A.,Schneckenburger,H. (1989) Intracellular localization of photosensitizers. In: Photosensitizing Compounds: Their Chemistry, Biology and Clinical Use. (Eds. G.Bock and S.Harnett), Wiley, Chichester (Ciba Foundation Symposium 146), pp.95-111.
10. Moan,J.,Berg,K.,Kvam,E. (1990) Effects of photodynamic treatment on DNA and DNA-related cell functions. In Photodynamic Therapy of Neoplastic Disease. Editor: D.Kessel. CRC Press Inc. Boca Raton FL. Boston, pp.197-209.
11. Berg,K.,Western,A.,Bommer,J. and Moan,J. (1990) Intracellular localization of sulfonated meso-tetraphenylporphines in a human carcinoma cell line. Photochem.Photobiol. 52:481-487.
12. Berg,K.,Moan,J.,Winkelman,J.W. (1990) Cellular inhibition of microtubule assembly by photoactivated sulfonated meso-tetraphenylporphines. Int.J.Radiat.Biol. 58:475-487.

13. Berg,K.,Western,A.,Bommer,J. and Moan,J. (1990) Cellular uptake and relative efficiency in cell inactivation by photoactivated sulfonated meso-tetraphenylporphines.  
Photochem.Photobiol. 52:775-781.

14. Moan,J.,Kvam,E.,Hovig,E.,Berg,K. (1991) Effects of PDT on DNA and chromosomes.  
Photobiology (Ed. E.Riklis) Plenum Press, New York, pp.821-829.

15. Berg,K.,Madslien,K.,Bommer J.C.,Oftebro,R.,Winkelman,J.C. and Moan,J. (1991)  
Light induced relocalization of sulfonated meso-tetraphenylporphines in NHIK 3025 cells and  
effects of dose fractionation.  
Photochem.Photobiol. 53:203-210.

16. Moan,J. and Berg,K. (1991) The photodegradation of porphyrins in cells can be used to estimate  
the lifetime of singlet oxygen.  
Photochem.Photobiol. 53:549-553.

17. Lund,T. and Berg,K. (1991) Metaphase-specific phosphorylations weaken the association  
between chromosomal proteins HMG 14 and 17, and DNA.  
FEBS Lett. 289:113-116.

18. Moan,J.,Berg,K.,Anholt,H.,L.-W.Ma,Steen,H.B. and Peng,Q.(1991) Approaches to improve  
photochemotherapy of cancer. In Radiation Research: A twentieth-Century Perspective.  
Vol.II: Congress Proceedings (Eds. W.C.Dewey, M.Edington, R.J.M.Fry, E.J.Hall and  
G.F.Whitmore), Academic Press,Inc.,pp.680-685.

19. Moan,J.,Berg,K.,Steen,H.B.,Warloe,T. and Madslien,K. (1992) Fluorescence and photodynamic  
effects of phthalocyanines and porphyrins in cells. In: Photodynamic Therapy: Basic  
Principles and Clinical Applications (Eds. B.Henderson and T.Dougherty) Marcel  
Dekker,Inc.,N.Y. pp.19-36.

20. Berg,K.,Steen,H.B.,Winkelman,J.W. and Moan,J. (1992) Synergistic effects of photoactivated  
tetra(4-sulfonato-phenyl)porphine and nocodazole on microtubule assembly and cell survival.  
J.Photochem.Photobiol. 13:59-70.

21. Moan,J.,Berg,K. and Western,A. (1992) Action spectra of phthalocyanines with respect to  
photosensitization of cells.  
Photochem.Photobiol. 56:171-175.

23. Berg,K.,Madslien,K. and Moan,J. (1992) Retention of phototoxicity of  
tetra(sulfonatophenyl)porphine in cultivated human cells. The effect of fractionation of light.  
Photochem.Photobiol. 56:177-183.

24. Ma,L.W.,Moan,J.,Steen,H.B.,Berg,K. and Peng,Q. (1992) Effect of Mitomycin C on the  
uptake of Photofrin II in a human colon adenocarcinoma cell line.  
Cancer Lett. 64:155-162.

25. Ma,L.W.,Steen,H.B.,Moan,J.,Berg,K.,Peng,Q., Sæter,H. and C.Rimington (1992) Cytotoxicity  
and cytokinetic effects of Mitomycin C and/or Photochemotherapy in a human colon  
adenocarcinoma cell line.  
Int.J.Biochem. 24:1807-1813.

26. Berg,K. and Moan,J. (1992) Mitotic inhibition by phenylporphines and tetrasulfonated aluminium phthalocyanine in combination with light.  
*Photochem.Photobiol.* 56:333-339.

27. Berg,K. (1992) The unpolymerized form of tubulin is the target for microtubule inhibition by photoactivated tetra(4-sulfonatophenyl)porphine.  
*Biochim.Biophys.Acta.* 1135:147-153.

28. Moan,J. and Berg,K. (1992) Photochemotherapy of cancer. Experimental research.  
*Photochem.Photobiol.* 55:931-948.

29. Bech,Ø.,Peng,Q.,Berg,K. and Moan,J. (1992) Photosensitization of tumor cells in vitro and in vivo using endogenous porphyrins induced with exogenous 5-aminolevulinic acid. In *Photodynamic Therapy and Biomedical Lasers*. (Eds.P.Spinelli,M.Dal Fante and R.Marchisini), Elsevier Science Publishers BV. pp.521-525.

30. Bårnrud,H.,Berg,K., Platou,T. and Moan,J. (1993) An action spectrum for UV-induced attachment of V79 Chinese Hamster cells to the substratum.  
*Int.J.Radiat.Biol.* 64:437-444.

31. Ma,L.W.,Moan,J.,Berg,K.,Peng,Q. and Steen,H.B. (1993) Potentiation of photochemotherapy by mitomycin C in the cultured human colon adenocarcinoma cells.  
*Radiation Res.* 134:22-28.

32. Berg,K.,Prydz,K. and Moan,J. (1993) Photochemical treatment with the lysosomally localized dye tetra(4-sulfonatophenyl)porphine results in lysosomal release of the dye but not of -N-acetyl-D-glucosaminidase activity.  
*Biochim.Biophys.Acta.* 1158: 300-306.

33. Berg,K., Anholt,H.,Moan,J.,Rønnestad and C.Rimington (1993) Photobiological properties of hematoporphyrin-diesters: Evaluation for possible application in photochemotherapy of cancer.  
*J.Photochem.Photobiol.* 20:37-45.

34. Kvam,E., Berg,K. and H.B.Steen (1994) Characterization of singlet-oxygen-induced guanine residue damage after photochemical treatment of free nucleosides and DNA.  
*Biochim.Biophys.Acta* 1217: 9-15.

35. Bårnrud,H.,Mikalsen,S.O., Berg,K. and J.Moan (1994) Effects of ultraviolet radiation on intracellular communication in V79 chinese hamster cells.  
*Carcinogenesis.* 15:233-239.

36. Berg,K., Peng,Q., Nesland,J.M. and Moan,J. (1994) Cellular responses to photodynamic therapy. In "Photodynamic Therapy of Cancer", G.Jori,J.Moan,W.Star, Editors, Proc. SPIE 2078, pp. 278-285.

37. Moan,J.,Berg,K.,Peng,Q and Ma,L.W. (1994) On the action mechanisms of photochemotherapy of cancer. In "Biological effects of light" (Eds. E.G.Jung and M.F.Holick). Walter de Gruyter. Berlin.

38. Peng,Q., Ma,L-W., Berg,K. and Moan,J. (1994) Effect of sulfonation on the photosensitizing efficiency of aluminum phthalocyanine and meso-tetraphenylporphine in photodynamic therapy of cancer.  
SPIE. 2078: 258-267.

39. Ma,L-W., Moan,J. and Berg,K. (1994) Evaluation of a new photosensitizer, meso-tetra-hydrophenylchlorin, for use in photodynamic therapy. A comparison of its photobiological properties with those of two other photosensitizers.  
Int. J.Cancer 57: 883-888.

40. Moan,J. Berg,K., Anholt,H. and Madslien,K. (1994) Sulfonated aluminium phthalocyanines as sensitizers for photochemotherapy. Effects of small light doses on localization, dye fluorescence and photosensitivity in V79 cells.  
Int.J.Cancer 58: 865-870.

41. Ma,L-W., Moan,J. and Berg,K. (1994) Comparison of the photobleaching effect of three photosensitizing agents: Meso-tetra(m-hydroxyphenyl)chlorin, Meso-tetra(m-hydroxyphenyl)porphyrin and Photofrin during photodynamic therapy.  
Lasers Med.Sci. 9:127-132.

42. Luksiene,Z.,Berg,K. and Moan,J. (1994) Combination of photodynamic therapy and X-irradiation: A study on 5-ALA radiomodifying properties. In: SPIE Vol.2325 Photodynamic Therapy of Cancer II (Eds. D.Brault, G.Jori, J.Moan and B.Ehrenberg), pp.306-311.

43. Streckyte,G., Berg,K. and Moan,J. (1994) Photomodification of ALA-induced protoporphyrin IX in cells in vitro. In: SPIE Vol.2325 Photodynamic Therapy of Cancer II (Eds. D.Brault, G.Jori, J.Moan and B.Ehrenberg), pp.58-65.

44. Berg,K., Jones,S.G., Prydz,K. and Moan,J. (1994) Primary targets in photochemical treatment of cells in culture. In: SPIE Vol.2325 Photodynamic Therapy of Cancer II (Eds. D.Brault, G.Jori, J.Moan and B.Ehrenberg), pp.182-188.

45. Berg,K. and Moan,J. (1994) Lysosomes as photochemical targets.  
Int.J.Cancer. 59: 814-822.

46. Bårnrud,H., Stokke,T., Moan,J. and Berg,K. (1995) S-phase arrest and induction of multinucleated cells after exposure to ultraviolet (UV) radiation.  
Carcinogenesis. 16: 1087-1094.

47. Berg,K. and Moan,J. (1995) The influence of the cysteine protease inhibitor E64 on photobiological effects of tetrasulfonated phenylporphines.  
Cancer Lett. 88:227-236.

48. Berg,K.,Luksiene,Z.,Moan,J. and Ma,L-W. (1995) Combination of 5-aminolevulinic acid induced photochemotherapy and ionizing radiation.  
Radiat.Res. 142:340-346.

49. Bårnrud,H.,Berg,K. and Moan,J. (1995) Mechanisms for the induction of binucleated cells by ultraviolet A (UVA) radiation.  
In PhD thesis, Bårnrud

50. Ma,L-W., Berg,K., Danielsen,H.E., O.Kaalhus, Iani,V. and Moan,J. (1996) Enhanced antitumor effect of photodynamic therapy by microtubule inhibitors. *Cancer Lett.* 109:129-139.

51. Berg,K. (1996) Mechanism of cell damage in Photodynamic therapy. In: *The Fundamental Bases of Phototherapy* (Eds. A.Young ,H.Honigsmann and G.Jori) OEMF, Milano, pp.181-207.

52. Shevchuk,I., Chekulayev,V., Moan,J. and Berg,K (1996) Effects of the inhibitors of energy metabolism, Iodinamide and levamisole, on 5-aminolevulinic acid induced photochemotherapy. *Int.J.Cancer*,67: 791-799.

53. Ma,L-W., Berg,K., Danielsen,H.E., Iani,V. and Moan,J. (1996) Enhancement of the efficiency of photodynamic therapy by combination with the microtubule inhibitor vincristine. In: *Photochemotherapy, Photodynamic therapy and Other Modalities*. Eds. B.Ehrenberg, G.Jori and J.Moan. Proc. SPIE. Vol.2625: 170-177.

54. Moan,J., Peng,Q., Iani,V., Ma,L-W., Horobin,R.W., Berg,K., Kongshaug,M. and Nesland,J.M. (1996) Biodistribution, pharmacokinetics and in vivo fluorescence spectroscopic studies of photosensitizers. In: *Photochemotherapy, Photodynamic therapy and Other Modalities*. Eds. B.Ehrenberg, G.Jori and J.Moan. Proc. SPIE. Vol.2625: 234-250.

55. Noodt,B.B. ,Berg,K., Stokke,T.,Peng,Q. and Nesland,J.M. (1996) Apoptosis and necrosis induced with light and 5-aminolevulinic acid-derived protoporphyrin IX. *Br.J.Cancer*,74:22-29.

56. Berg,K., and Moan,J. (1998) Optimization of wavelength in photodynamic therapy. In: "Photodynamic Tumor Therapy" (Ed. J.G.Moser). Harwood Publishers, London, pp.151-68, ISBN 90-5699-6.

57. Moan,J. Berg,K and Iani,V. (1998) Action spectra of dyes relevant for photodynamic therapy. In: "Photodynamic Tumor Therapy" (Ed. J.G.Moser).Harwood Publishers, London, pp.169-181. ISBN 90-5699-6.

58. Berg,K.,Anholt,H.,Bech,Ø. and Moan,J. (1996) The influence of iron chelators on the accumulation of protoporphyrin IX in 5-aminolevulinic acid-treated cells *Br.J.Cancer*. 74:688-697.

59. Strømhaug,P.E., Berg,T.O., Berg,K. and Seglen,P.O. (1997) A novel method to study autophagy: Destruction of hepatocytic lysosomes, but not autophagosomes, by the photosensitizing porphyrin tetra(4-sulfonatophenyl)porphine (TPPS<sub>4</sub>). *Biochem.J.* 321:217-225

60. Moan,J., Streckyte,G., Bagdonas,S., Bech,Ø., and Berg,K. (1997) Photobleaching of protoporphyrin IX in cells incubated with 5-aminolevulinic acid. *Int.J.Cancer* 70:90-97.

61. Gaullier,J.M.,Berg,K., Peng,K.,Anholt,H., Selbo,P.K., Ma,L-W. and Moan,K. (1997) Use of esters of 5-aminolevulinic acid to improve photodynamic therapy on cells in culture.

Cancer Res. 57:1481-1486.

62. Gaullier,J.M., Rodal,S.K.,Moan,J.,Berg,K. (1996) Combined treatment of photodynamic therapy and the topoisomerase I inhibitor camtothecin in growing V79 and NHIK 3025 cells.  
Proc. SPIE Vol. 2924:243-251.

63. Peng,Q., Berg,K. and Moan,J, Kongshaug,M., Nesland,J.M. (1997) 5-aminolevulinic acid-induced photodynamic therapy: Principles and experimental research.  
Photochem.Photobiol. 65: 235-251

64. Peng,Q., Warloe,T., Berg,K. Moan,J, Kongshaug,M., Giercksky,K.E. and Nesland,J.M. (1997) 5-aminolevulinic acid-induced photodynamic therapy: Clinical research and future challenges.  
Cancer 79:2282-238.

65. Berg,K., and Moan,J. (1997) Lysosomes and microtubules as targets in photochemotherapy of cancer.  
Photochem.Photobiol. 65: 403-409.

66. Bech,Ø, Berg,K. and Moan,J. (1997) The pH dependency of protoporphyrin IX formation in cells incubated with 5-aminolevulinic acid  
Cancer Lett. 113: 25-29.

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Br.J.Cancer 76: 421-428.

68. Brustad,T., Voss,T., Selbo,P.K., Gärtner,K., Holmøy,T., Nesland,J.M. and Berg,K. (1997) Vital Microscopy and its use to Elucidate Photodynamic Effects.  
Internet J. of Science. Biological Chemistry Vol.3.  
<http://www.photobiology.com/v1/selbo/vitalmic.htm>

69. Noodt,B.B., Berg,K., Stokke,T., Peng,Q., and Nesland,J.M. "Different pathways to apoptosis induced by tetraphenylporphyrin derivatives and light in V79 cells" in *Photochemotherapy: Photodynamic Therapy and Other Modalities III*, Kristian Berg, Benjamin Ehrenberg, Zvi Malik, Johan Moan, Editors, Proc.SPIE 3191, 107-113 (1997)

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Int.J.Cancer 75: 134-139

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Tidsskrift for Den Norske Lægeforening 118:1206-11.

74. Berg,K., Geze,M., Maziere,J-C. and Santus,R. (1998) Verapamil enhances the uptake and the phototoxic effect of Photofrin but not that of tetra(4-sulfonatophenyl)porphine  
Biochem.Biophys. Acta 1370: 317-24.

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Int.J.Cancer 75: 941-48

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Br.J.Cancer 79: 72-81

78. Rodal,G.H.,Rodal, S.K. Moan,J. and Berg,K. (1998) Liposome-bound Zn(II) phthalocyanine. Mechanisms for cellular uptake and photosensitization.  
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